IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Haixiang Liang and Zarko Draganic

Title:

APPARATUS, METHOD AND SOFTWARE FOR CALL-WAITING

TONE DETECTION

Application No.: Unknown

Filed:

Herewith

Examiner:

Unknown

Group Art Unit: Unknown

Atty. Docket No.: 1005-0004-3

March 8, 2004

Mail Stop Patent Application COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings the patents, publications, applications or other information identified in the attached:

 \boxtimes Form(s) PTO-1449

 \boxtimes Other: copies of 12 references

to the Examiner's attention in the above-identified application. Citation of such information shall not be construed as:

- 1. an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention:
- a representation that a search has been made, other than as described below; or 2.
- an admission that the information cited herein is, or is considered to be, material 3. to patentability as defined in § 1.56(b).

Pursuant to 1273 OG 55 (August 5, 2003), Information Disclosure Statements may be filed without copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

FEE AUTHORIZATION

This Information Disclosure Statement is filed within three months of the filing
date of a national application other than a continued prosecution application under
§ 1.53(d) or within three months of entry of the national stage as set forth in
§ 1.491 in an international application. Therefore, no fee is required.

The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required.

If however, this Information Disclosure Statement is filed after the period specified in § 1.97(b), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631.

CERTIFICATE	OF MAILING O	OR TRANSMISSION

I hereby certify that, on the date shown below, this correspondence is being

- deposited with the US Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
- ☐ facsimile transmitted to the US Patent and Trademark Office.

Edward J. Marshall

Date

EXPRESS MAIL LABEL:

2U82E7E2JE4V3

Respectfully submitted,

Edward J. Marshall, Reg. No. 45,395

Attorney for Applicant

(512) 338-6321

(512) 338-6301 (fax)

J.S. Departme	ent of Co	nmerce, Patent and Tra	demark Offic	e	Attorney Docket	No.:	005-0004-3		
					Application No.:		Inknown		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Γ Applicant(s):	1	Haixiang Liang et al.		
(Use several sheets if necessary)					Filing Date:	1	March 8, 2004		
					Group Art Unit:	U	Unknown		
					Date Submitted:	/	March 8, 2004		
				U.S. Patent Docum	ents		.::==		
*Examiner Initial		Documen Number		Date	Name				
	1	4,852,15	1	Jul. 25, 1989	Dittakavi e	et al.			
	2	4,995,07	4	Feb. 19, 1991	Goldman e	et al.			
	3	5,287,40	1	Feb. 15, 1994	Lin				
	4	5,513,25	1	Apr. 30, 1996	Rochkind et al.				
	5	5,550,90	8	Aug. 27, 1996	Cai et al.				
	6	5,651,06	0	Jul. 22, 1997	Cohn et al.				
	7	6,067,35	3	May 23, 2000	Szeliga				
*	8	6,118,85	7	Sep. 12, 2000	Terschluse				
	9	6,496,57	2	Dec. 17, 2002	Liang et al.				
				Foreign Patent Docu	ments				
						Translation			
		Documen	t	Date	Country		Yes	N	
		OTHER	ART (Inclu	ding Author, Title, D	ate, Pertinent Pages, Etc.)				
	10	ITU-Recommendation V.34, "A Modern Operating at Data Signalling Rates of up to 28 800 bit/s for the General Switched Telephone Network and on Leased Point-to-Point 2-Wire Telephone-Type Circles September 1994, 67 pages							
	11	"Series V: Data Communication Over the Telephone Network. Simultaneous Transmission of Data and Other Signals," V.92 Enhancements to Recommendation V.90, ITU-T, November 2000, 70 pages.							
	12				etwork. Simultaneous Transmi n V.90, ITU-T, July 2001, 10 pa		Data and Othe	er Signa	
xaminer			Date Consi	dered					